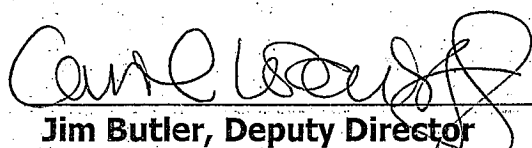




Department of General Services  
Procurement Division  
707 Third Street, 2<sup>nd</sup> Floor  
West Sacramento, CA 95605-2811

State of California  
**CONTRACT NOTIFICATION**  
\*\*\*\*MANDATORY\*\*\*\*

CONTRACT NUMBER:	1-08-84-02
DESCRIPTION:	Safety Helmets (Hard Hats)
CONTRACTOR(S):	Empire Safety & Supply
CONTRACT TERM:	08/01/2008 through 07/31/2010
DISTRIBUTION LIST:	Posted Electronically on <a href="http://www.pd.dgs.ca.gov/contracts/84-02.htm">http://www.pd.dgs.ca.gov/contracts/84-02.htm</a>
STATE CONTRACT ADMINISTRATOR:	Carol Loscutoff 916-375-4540 <a href="mailto:carol.loscutoff@dgs.ca.gov">carol.loscutoff@dgs.ca.gov</a>

 for  
Jim Butler, Deputy Director

Date: **08/01/08**

**Contract (Mandatory) 1-08-84-02**  
**Contract Notification and User Instructions**

**1. SCOPE**

The State's contract with Empire Safety & Supply (contractor) provides Safety Helmets at contracted pricing to the State of California and local governmental agencies in accordance with the requirements of Contract # 1-08-84-02. The contractor shall supply the entire portfolio of products as identified in the contract and will be the primary point of contact for data collection, reporting, and distribution of Safety Helmets (Hard Hats) to the State.

The contract term is for two (2) years with an option to extend the contract for one (1) additional one (1) year period or portion thereof. The terms, conditions, and prices for the contract extension option shall be by mutual agreement between the contractor and the State. If a mutual agreement cannot be met the contract may be terminated at the end of the current contract term.

**2. CONTRACT USAGE/RULES**

- A. The use of this contract is mandatory for all State Departments. Local governmental agencies are eligible to utilize the contract.
- B. Local governmental agency use of this contract is optional. Local government agencies are defined as "any city, county, city and county, district or other governmental body or corporation, including the California State Universities (CSU) and University of California (UC) systems, K-12 schools and community colleges", empowered to expend public funds for the acquisition of products, per Public Contract Code Chapter 2, Paragraph 10298 (a) (b). While the State makes this contract available to local governmental agencies, each local governmental agency should determine whether this contract is consistent with its procurement policies and regulations. Local governmental agencies shall have the same rights and privileges as the State under the terms of this contract. Any agencies desiring to participate shall be required to adhere to the same responsibilities as do State agencies and have no authority to amend, modify or change any condition of this contract.
- C. Ordering State departments must adhere to all applicable State laws, regulations, policies, best practices, and purchasing authority requirements, e.g. California Codes, Code of Regulations, State Administrative Manual, Management Memos, and State Contract Manual Volume 2, and 3, as applicable.
- D. Prior to placing orders against this contract, State departments must have been granted purchasing authority by the Department of General Services, Procurement Division (DGS/PD) for the use of the State's statewide contracts. The department's current purchasing authority number must be entered in the appropriate location on each purchase document. Departments that have not been granted purchasing authority by DGS/PD for the use of the State's statewide contracts may access the Purchasing Authority Application at <http://www.pd.dgs.ca.gov/deleg/pamannual.htm> or may contact DGS/PD's Purchasing Authority Management Section by e-mail at [pams@dgs.ca.gov](mailto:pams@dgs.ca.gov).
- E. Ordering departments are required to have a Department of General Services (DGS) agency billing code prior to using this contract. DGS agency billing codes may be obtained by emailing the DGS billing code contact with the following:
  - State Department
  - Contact name
  - Telephone number
  - Mailing address
  - Facsimile number and e-mail address

Contract (Mandatory) 1-08-84-02  
Contract Notification and User Instructions

DGS Billing Code Contacts:

- [marilyn.ebert@dgs.ca.gov](mailto:marilyn.ebert@dgs.ca.gov) and
- [wilson.lee@dgs.ca.gov](mailto:wilson.lee@dgs.ca.gov)

**3. DGS ADMINISTRATIVE FEES**

The DGS will bill each ordering department an administrative fee for use of this statewide contract. The administrative fee should NOT be included in the order total, nor remitted before an invoice is received from DGS.

For current fees, click on "DGS Price Book" at: <http://www.ofs.dgs.ca.gov/Price+Book/P/Purchasing.htm>.

**4. CONTRACT ADMINISTRATION**

Both the State and the contractor(s) have assigned contract administrators as the single points of contact for problem resolution and related contract issues.

**State Contract Administrator:** Carol Loscutoff  
**Address:** DGS/Procurement Division  
707 Third Street, 2<sup>nd</sup> Floor  
West Sacramento, CA 95605  
**Telephone:** (916) 375-4540  
**Facsimile:** (916) 375-4613  
**E-Mail:** [carol.loscutoff@dgs.ca.gov](mailto:carol.loscutoff@dgs.ca.gov)

**Contractor:** Empire Safety & Supply  
**Contract Administrator:** Tom Crawford  
**Address:** 10624 Industrial Avenue  
Roseville, CA 95678  
**Telephone:** 916-781-3003  
**Facsimile:** 916-781-8111  
**E-Mail:** [tom@empiresafety.com](mailto:tom@empiresafety.com)

**5. PROBLEM RESOLUTION/SUPPLIER PERFORMANCE**

Ordering departments and/or contractors shall inform the State Contract Administrator of any technical or contractual difficulties encountered during contract performance in a timely manner. This includes and is not limited to informal disputes, supplier performance, outstanding deliveries, etc.

For contractor performance issues, ordering departments must submit a completed Supplier Performance Report via email or facsimile to the State Contract Administrator identified in Article 4. The ordering department should include all relevant information and/or documentation (i.e. Purchase documents).

**Contract (Mandatory) 1-08-84-02**  
**Contract Notification and User Instructions**

**6. CONTRACT PRICING**

All pricing is listed on Attachment A, Contract Pricing. The contract pricing is categorized under two (2) groups:

Group	Product
I	Type 1, Class E and Class G - Safety Helmets
II	Type 1, Class E - Safety Helmets

All contract items are mandatory, there will be no exceptions.

**7. SPECIFICATIONS**

All products must conform to the attached State of California Bid Specification Number 8414-08BS-001, dated 3/25/08.

**8. PURCHASE EXECUTION**

- A. State departments must use the Purchasing Authority Purchase Order (Std. 65) for purchase execution. An electronic version of the Std. 65 is available at the Office of State Publishing web site: <http://www.dgs.ca.gov/osp> (select Standard Forms).

All Purchasing Authority Purchase Orders (Std. 65) must contain the following:

- Agency Order Number (Purchase Order Number)
- Ordering Agency Name
- Agency Billing Code
- Purchasing Authority Number
- Leveraged Procurement Number (Contract Number)
- Supplier Information (Contact Name, Address, Phone Number, Fax Number, E-mail)
- Line Item number
- Quantity
- Unit of Measure
- Commodity Code Number
- Product Description
- Unit Price
- Extension Price
- Order Date

- B. Local governmental agencies may use their own purchase document for purchase execution. The purchase documents must include the same data elements as listed above (Exception: Purchasing Authority Number is used by State departments only). The contractor will not accept purchase documents from local agencies without a State-issued billing code.

- C. All ordering departments will submit a copy of executed purchase documents to:

DGS - Procurement Division (IMS# Z-1)  
Attn: Data Entry Unit  
707 Third Street, 2<sup>nd</sup> Floor North  
West Sacramento, CA 95605-2811

**Contract (Mandatory) 1-08-84-02**  
**Contract Notification and User Instructions**

**9. ORDERING PROCEDURE**

Ordering departments are to submit appropriate purchase documents directly to the contractor(s) via one of the following ordering methods:

- U.S. Mail
- Facsimile
- Email

The ordering information for the contractor is listed below:

Company Name:	Empire Safety & Supply
Address:	10624 Industrial Avenue Roseville, CA 95678
Facsimile:	(916) 781-8111
Email:	<a href="mailto:tom@empiresafety.com">tom@empiresafety.com</a>

When using any of the ordering methods, all State departments must conform to proper State procedures.

**10. MINIMUM ORDER**

The minimum order shall be \$50. Orders for less than the minimum order shall be considered non-contract and may be purchased from other sources.

**11. ORDER ACKNOWLEDGEMENT**

The contractor will provide the ordering agencies with an order receipt acknowledgement containing a unique order number either via e-mail or facsimile within forty-eight (48) hours of receipt of order.

The acknowledgement will include:

- Ordering Agency Name
- Agency Order Number (Purchase Order Number)
- Purchase Order Total Cost
- Delivery Completion Date

**12. DELIVERY SCHEDULES**

Delivery is to be completed in full within thirty (30) calendar days after receipt of order (ARO). Sixty (60) calendar days after the receipt of order will be allowed for delivery of initial order of safety helmets with Department of Transportation emblem. Delivery shall be made to any State department or local agency within California.

Contractor is requested to make deliveries in Los Angeles County, Orange County, San Bernardino Metropolitan Area, and San Diego Metropolitan Area during off-peak hours. Off-peak hours are Monday through Friday, 10:00 AM to 4:00 PM.

Note: In accordance with Paragraph 15 of the General Provisions entitled "Delivery", the contractor shall strictly adhere to the delivery terms and completion schedule as specified in this bid. Failure to comply with the delivery requirements, as stated, may be considered a breach of contract and subject the contractor to General Provisions 26, entitled "Rights and Remedies of the State for Default".

Contract (Mandatory) 1-08-84-02  
Contract Notification and User Instructions

**13. FREE ON BOARD (F.O.B.) DESTINATION**

All prices are F.O.B. destination; freight prepaid by the contractor, to the ordering organization's receiving point. Responsibility and liability for loss or damage for all orders will remain with the contractor until final inspection and acceptance, when all responsibility will pass to the ordering organization, except the responsibility for latent defects, fraud, and the warranty obligations.

**14. SHIPPED ORDERS**

All shipments must comply with General Provisions, Paragraph 12 entitled "Packing and Shipment". The General Provisions are available at: <http://www.documents.dgs.ca.gov/pd/modellang/GPIT0407.pdf>.

**A. Palletization:**

All pallets employed in the delivery of goods must comply with the State of California Wooden Pallet Specification 3990-01A-01, dated January 2001. All pallets shall be of sturdy construction and adequate condition to assure delivery of the goods without damage to the goods or safety hazards. Exchange pallets may be available; however, the State assumes no responsibility for the availability to exchange pallets. Delivery drivers shall not remove more pallets from the institutions than delivering at time of delivery.

**B. Packaging and Packing:**

The helmets shall be packaged each one helmet to a unit box or plastic bag with only one type of helmet packaged in each shipping container/carton. The manufacturer's standard quantity per shipping container will be acceptable. All packaging and shipping shall conform to applicable Federal and State Regulations and conform to good commercial practices. Bidders are encouraged to offer product packaging with recycled content. Carton/container shall be palletized per State Specification 3990-01A-01, Pallets, Wooden.

**C. Marking:**

Each unit box or plastic bag and shipping container shall be clearly marked with the commodity, brand, quantity, class, style (i.e. helmet with brim, brimless cap with peak, etc) and color. Additionally, each shipping carton/container shall be clearly marked with the State contract number and agency order number.

**15. INVOICING**

Ordering agencies may require separate invoicing, as specified by each ordering organization. Invoices will contain the following information:

- Contractor's name, address and telephone number
- Leveraged Procurement Number (Contract Number)
- Agency Order Number (Purchase Order Number)
- Item and commodity code number
- Quantity purchased
- Contract price and extension
- State sales and/or use tax
- Prompt payment discounts/cash discounts, if applicable
- Totals for each order

Contract (Mandatory) 1-08-84-02  
Contract Notification and User Instructions

**16. PAYMENT**

Payment terms for this contract are net forty-five (45) days. Payment will be made in accordance with the provisions of the California Prompt Payment Act, Government Code Section 927, et seq., unless expressly exempted by statute, the Act requires State departments to pay properly submitted, undisputed invoices not more than forty-five (45) days after the date of acceptance of goods, performance of services, or receipt of an undisputed invoice, whichever is later.

**17. PAYEE DATA RECORD**

Each State accounting office must have a copy of the Payee Data Record (Std. 204) in order to process payments. State departments should forward a copy of the Std. 204 to their accounting office(s). Without the Std. 204, payment may be unnecessarily delayed. Ordering departments should contact the contractor for copies of the Payee Data Record.

**18. CALIFORNIA SELLER'S PERMIT**

The California seller permit number for the contractor(s) is listed below. Ordering departments can verify that permits are currently valid at the following website: [www.boe.ca.gov](http://www.boe.ca.gov). State departments must adhere to the file documentation required identified in the State Contract Manual Volume 2 and Volume 3, as applicable.

Contractor Name	Seller Permit #
Empire Safety & Supply	SR KH 99-841981

**19. RECYCLED CONTENT**

There is no recycled content for this contract.

**20. SMALL BUSINESS/DISABLED VETERAN BUSINESS ENTERPRISE PARTICIPATION**

The small business (SB) and disabled veteran business enterprise (DVBE) certifications and percentages for the contractor(s) and subcontractor(s) are listed below. Ordering departments can verify that the certifications are currently valid at the following website: <http://www.pd.dgs.ca.gov/smbus/default.htm>.

Name	OSDS Certification #	SB Percent (%)	DVBE Percent (%)
Empire Safety & Supply	4495	100%	n/a

Ordering departments shall confirm with the contractor the exact percentage amount of SB and/or DVBE for each individual order.

**21. ATTACHMENTS**

Attachment A – Contract Pricing

State of California Bid Specification Number 8414-08BS-001

State of California Wooden Pallet Specification 3990-01A-01

## CONTRACT PRICING

Line Item	Unit	Commodity #	Descriptions	Brand/Model	Unit Price
<b>GROUP I (Type 1, Class E and Class G) High Temperature, High Voltage Wildland Fire-Fighting Protective Helmets</b> <i>Full Brim and Brimless Cap Style with 6-Point Ratchet and Non-Ratchet Suspension</i>					
1	EA	8415-634-2430-3	<b>Helmet, Safety, High Temperature</b> Full Brim White 6-Point Ratchet	Bullard FHR911HRW	\$ 24.95
2	EA	8415-634-2434-0	<b>Helmet, Safety, High Temperature</b> Full Brim Red 6-Point Ratchet	Bullard FHR911HRR	\$ 24.95
3	EA	8415-634-2435-2	<b>Helmet, Safety, High Temperature</b> Full Brim Yellow 6-Point Ratchet	Bullard FHR911HRY	\$ 22.95
4	EA	8415-634-2436-4	<b>Helmet, Safety, High Temperature</b> Full Brim Orange 6-Point <u>Non</u> -Ratchet	Bullard FHR911HRO	\$ 24.95
5	EA	8415-634-2437-6	<b>Helmet, Safety, High Temperature</b> Full Brim Blue 6-Point Ratchet	Bullard FHR911HRB	\$ 24.95
6	EA	8415-634-2424-8	<b>Strap, Chin</b> for Group I Safety Helmets	Bullard R50	\$ 6.65
7	EA	8415-634-2425-0	<b>Suspension</b> 6-Point Standard Ratchet Suspension for Group I Safety Helmets	Bullard RFS6RC	\$ 4.50
8	EA	8415-634-2422-4	<b>Suspension</b> 6-Point Standard <u>Non</u> -Ratchet Suspension for Group I Safety Helmets	Bullard RS6PC	\$ 3.75



**CONTRACT 1-08-84-02**

Safety Helmets (Hard Hats)

**Attachment A - Contract Pricing**

Line Item	Unit	Commodity #	Descriptions	Brand/Model	Unit Price
<b>GROUP II (Type 1, Class E) High Voltage Safety Helmets</b> <i>Full Brim and Brimless Cap Style with 6-Point Ratchet</i>					
9	EA	8415-857-4917-7	<b>Helmet, Safety, High Voltage</b> Full Brim White 6-Point Ratchet	Bullard C33RW	\$ 6.95
10	EA	8415-857-4918-2	<b>Helmet, Safety, High Voltage (Department of Transportation Emblem)</b> Full Brim White 6-Point Ratchet Safety Helmet with Hot Stamp Embossed Two-Color Department of Transportation (CalTrans) Emblem	Bullard C33RW	\$ 7.45
11	EA	8415-634-2413-3	<b>Helmet, Safety, High Voltage</b> Brimless with Peak White 6-Point Ratchet	Bullard C30R	\$ 6.50
12	EA	8415-634-2411-0	<b>Helmet, Safety, High Voltage</b> Brimless with Peak Yellow 6-Point Ratchet	Bullard C30R	\$ 6.50
13	EA	8415-634-2412-1	<b>Helmet, Safety, High Voltage</b> Brimless with Peak Orange 6-Point Ratchet	Bullard C30R	\$ 5.95
14	EA	8415-634-2418-2	<b>Helmet, Safety, High Voltage (Department of Transportation Emblem)</b> Brimless with Peak White 6-Point Ratchet with Hot Stamp Embossed Two-Color Department of Transportation (CalTrans) Emblem	Bullard C30R	\$ 6.95
15	EA	8415-634-2419-4	<b>Helmet, Safety, High Voltage (Department of Transportation Emblem)</b> Brimless Yellow 6-Point Ratchet with hot stamp embossed two-color Department of Transportation (CalTrans) Emblem	Bullard C30R	\$ 7.50
16	EA	8415-002-0202-1	<b>Helmet, Safety, High Voltage ("Adopt-A-Highway" Logo)</b> Brimless White 6-Point Ratchet with Hot Stamp Embossed "Adopt-A-Highway" Logo	Bullard C30R	\$ 7.95
17	EA	8415-634-2421-2	<b>Strap, Chin</b> for Group II Safety Helmets	ES42	\$ 1.10
18	EA	8415-634-2425-0	<b>Suspension</b> 6 Point Standard Ratchet Suspension for Group II Safety Helmets	RS6RC	\$ 5.65



# STATE OF CALIFORNIA

## Bid Specification Helmets, Safety

8415-08BS-001

### 1.0 SCOPE

This specification covers minimum requirements for safety helmets to be used by state employees as protective headgear. Helmets shall provide protection against impact and penetration, falling and flying objects, high voltage electrical shock/burns and from high temperature conditions and debris associated with wildland fire fighting.

### 2.0 SPECIFICATIONS AND STANDARDS

The bidder shall comply with all applicable Federal and State government codes and requirements. In addition, the following specifications, standards and test methods form a part of this specification where referenced.

National Fire Protection Standard (NFPA) -Standard on Protective Clothing & Equipment for Wildland Firefighting 1977 - Latest edition.

American National Standard Institute, (ANSI)/ International Safety Equipment Association (ISEA) Z89.1 -Latest edition.

Federal Standard No. FED-STD-595, Colors Used in Government Procurement - Latest revision.

### 3.0 REQUIREMENTS

#### 3.1 Classification

Group I: High temperature and High Voltage Wild land Fire Fighting Helmets.

Group II: High Voltage Safety Helmets.

Group III: General use Low Voltage Safety Helmets

#### 3.2 Group I (Type 1, Class E & G)

##### 3.2.1 Performance and Design:

- Helmets shall be Type 1 and rated for both Class G and Class E as defined in ANSI/ISEA Z 89.1.
- Helmets shall be compliant to NFPA 1977 and CalOSHA Regulation # 3381.
- Helmets shall come with 6-point suspension system, sweatband, nape device, and headlamp/goggle clips.
- Helmets shall be available with full brim or without brim.

### **3.2.2 Testing & Compliance:**

- Helmets shall meet or exceed all applicable requirements of ANSI/ISEA Z89.1 and NFPA 1977. The helmets shall be tested and certified as specified in NFPA 1977.

### **3.3 Group II (Type 1, Class E)**

#### **3.3.1 Performance and Design**

- Helmets shall be Type 1, Class E as defined in ANSI/ISEA Z 89.1.
- Helmets shall be available with a full brim and without brim.
- Helmets shall come with 6-point suspension system with sweatband, chin strap, nape device, headlamp/goggle clips and retroreflective markings.

#### **3.3.2 Testing & Compliance:**

- Helmets shall meet or exceed all applicable requirements of ANSI/ISEA Z89.1 and shall be third party certified.

### **3.4 Group III (Type 1, Class G)**

#### **3.4.1 Performance and Design**

- Helmets shall be Type 1, Class G as defined in ANSI/ISEA Z 89.1.
- Helmets shall be available with a full brim and without brim.
- Helmets shall come with 6-point suspension system with sweatband, chin strap, nape device, headlamp/goggle clips.

#### **3.4.2 Testing & Compliance:**

- Helmets shall meet or exceed all applicable requirements of ANSI/ISEA Z89.1 and shall be third party certified.

### **3.5 Materials**

All materials used in the makeup of the helmets shall be suitable for the intended use and must meet all applicable ANSI Z89.1 and NFPA 1977 requirements as specified. All materials that come in contact with the wearer's head shall be those known to be non-irritating to skin.

### 3.6 Configuration

- The suspension system shall attach to the helmet in such a manner as not to separate from the shell under extreme wind conditions including passing trucks or riding on fire trucks, with or without chinstrap attached. The suspension system and chinstrap assembly shall be replaceable and interchangeable on helmets of the same brand, model and size. The suspension system attachment (band to helmet) shall not fail or break due to fatigue.
- The nape strap shall contain vertical adjustments (at the back of the neck), one-knob ratchet style adjustment and shall be designed to grip the back of the head.
- Suspension and headband shall contain no metal components. Non-ratchet suspensions shall also be provided when specified in the bid.
- When specified in the IFB, a chin strap shall be provided per NFPA requirements. The chin strap shall attach to the helmet in such a manner as not to obstruct the wearing of eyeglasses or cause irritation to either side of the head. The chin strap attachment hook (strap to helmet) shall incorporate design features such that the chinstrap will not separate from the helmet inadvertently.
- When specified in the IFB, headlamp/goggle clips, suitably located and mounted, shall be provided per NFPA requirements. The clips shall be permanently attached such that the clip will become an integral part of the shell; attachment of the clips with rivets or similar devices is not permitted. A minimum of three (3) clips is required.
- The clips shall be suitably designed to retain a belt one (1) inch wide and 0.05 inch thick. The outside contour of the clips shall be free of protrusions, which may snag or catch on tree limbs. Figures 1 and 2 illustrate the basic configuration of the helmet, acceptable locations (one on the back, one on each side), positions (open side toward the brim), and typical dimensional requirements of the clips.
- Either the underside of the peak or the forward portion of the brim shall be treated to reduce glare by one of the following methods:
  - A. Dark colored flat paint.
  - B. Permanently attached dark colored non-gloss paper.
  - C. Textured surface.
- When specified in the IFB, helmets shall be supplied with the California Department of Transportation Emblem per the attached figure 1-4.

### 3.5 Color

The safety helmets shall be furnished as specified in the following colors conforming to latest revision of Federal Standards 595. The color shall be evenly and thoroughly molded in the shell.

COLOR	COLOR NUMBER (Fed. Std. No. 595)
White	17875
Yellow	13538
Orange	12197
Blue	15177
Red	11136

### 4.0 MARKING

- A permanently affixed agency logo shall be available if requested in the Invitation for Bid.
- Each helmet shall be permanently marked on the inside of the shell with the following:

Name or designation of manufacturer

Manufacturer's address including country

Month and year of manufacture

Manufacturer's helmet identification number, lot number or serial number

Model designation or number

Helmet size or size range

Nominal weight of helmet

ANSI Z89.1 Type and Classification

The following statement: "DO NOT REMOVE THIS LABEL"

- In addition, all NFPA 1977 certified helmets shall comply with all product-labeling requirements as stated in NFPA 1977- latest edition, which shall include but not be limited to the following:

a) The certification organization's label, symbol, or identifying mark permanently attached to the product label or a part of the product label.

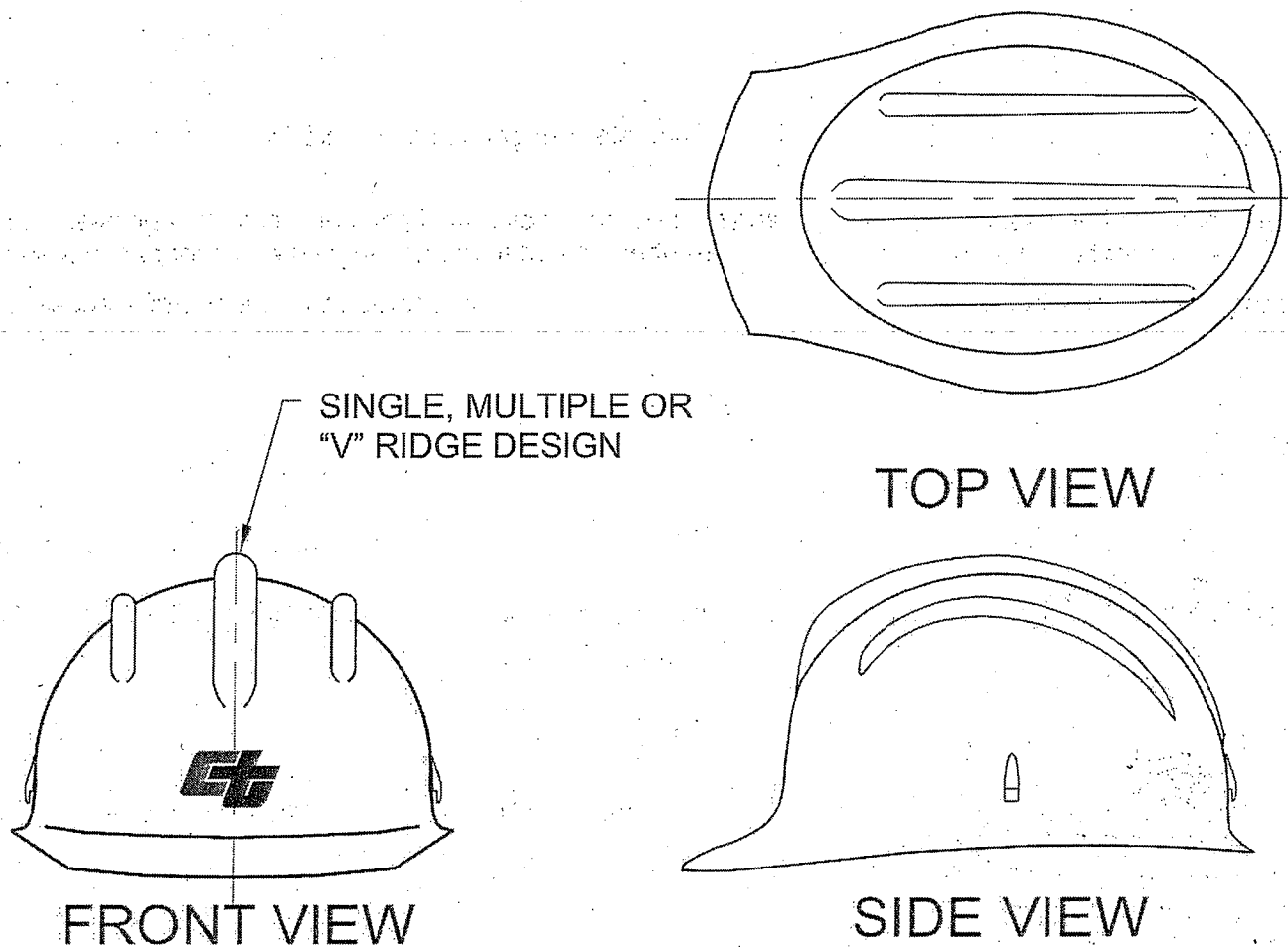
b) All worded portions of the required product label printed in English.

c) The following statement printed legibly on the product label and all letters at least 2.5 mm (3/32 in.) high: "THIS WILDLAND FIRE-FIGHTING PROTECTIVE HELMET MEETS THE HELMET REQUIREMENTS OF NFPA 1977, STANDARD ON PROTECTIVE CLOTHING AND EQUIPMENT FOR WILDLAND FIRE FIGHTING."

- The helmet manufacturer shall provide at least the following instructions and information with each helmet:

1. Pre-use information including: safety considerations, limitations of use, helmet marking recommendations and restrictions, a statement that most performance properties of the helmet cannot be tested by the user in the field, warranty information.

2. Preparation for use including: sizing/adjustment, recommended storage practices
3. Inspection frequency and details
4. Donning and doffing procedures
5. Proper use consistent with NFPA (wild land fire fighting helmets only)
6. Maintenance and cleaning including: cleaning instructions and precautions, maintenance criteria and methods of repair, decontamination procedures
7. Retirement and disposal criteria and considerations



## BRIM-LESS HARDHAT (BASIC CONFIGURATION)

**Figure 1:  
Basic Configuration**

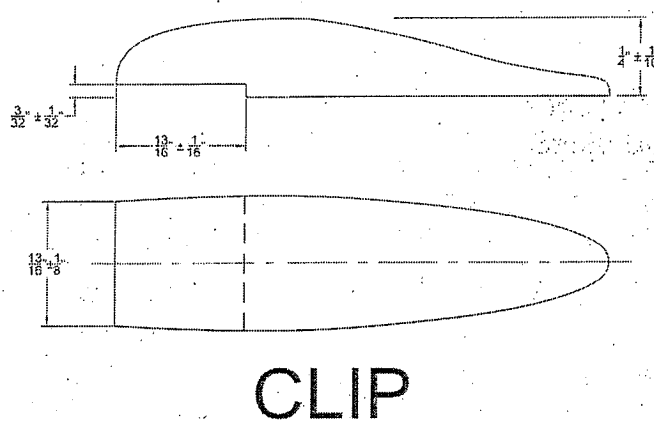
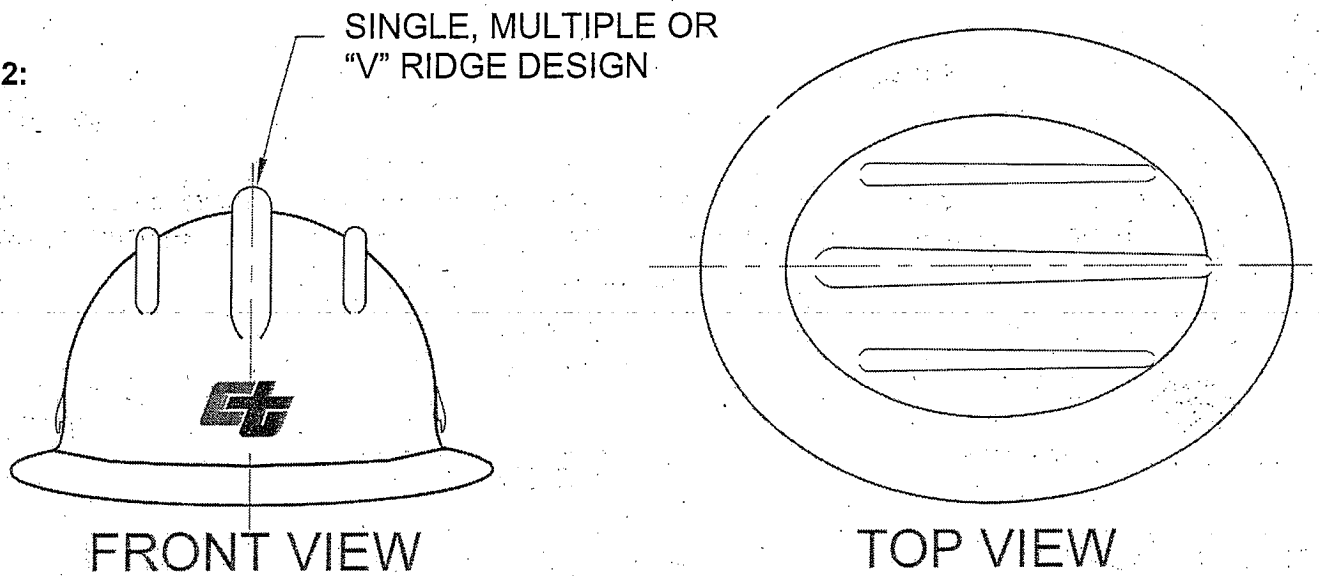
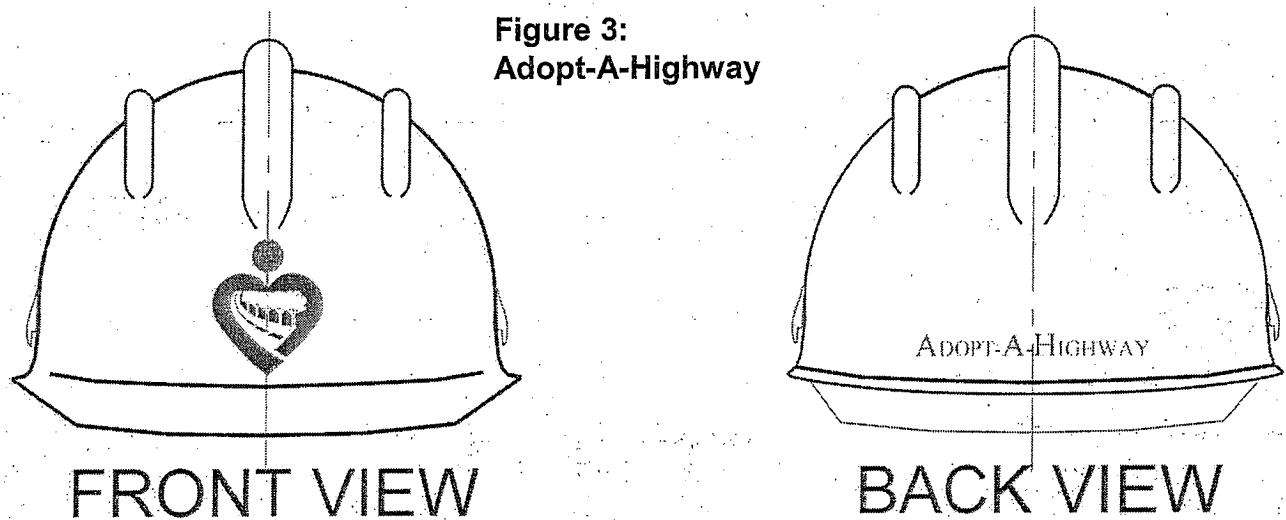


Figure 2:

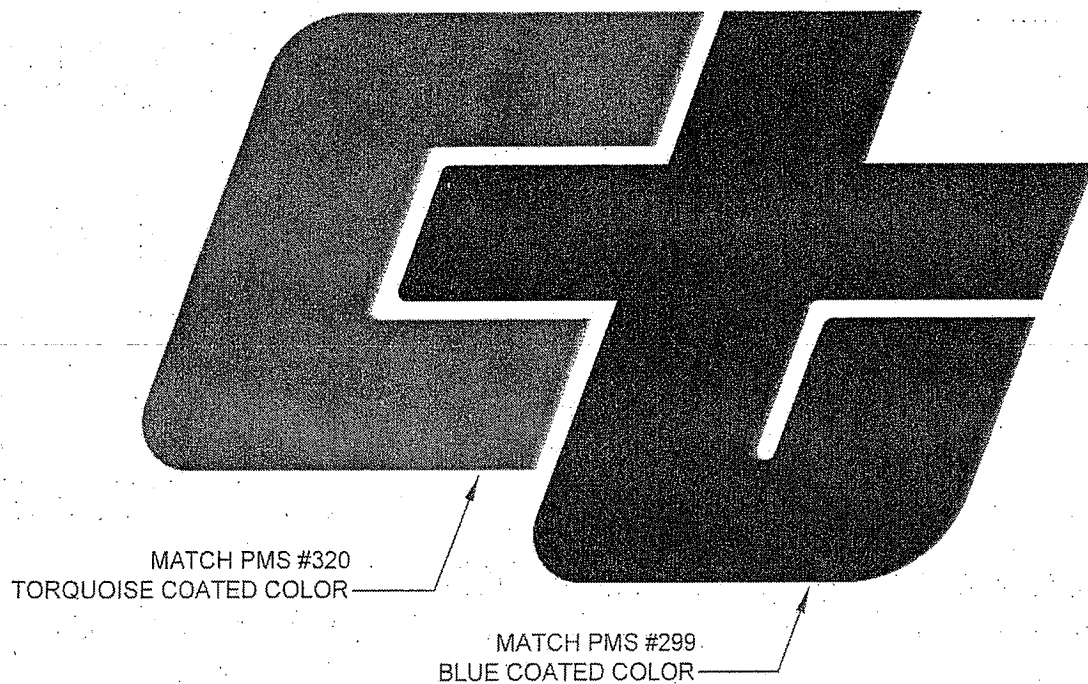


## BRIMMED HARDHAT (BASIC CONFIGURATION)

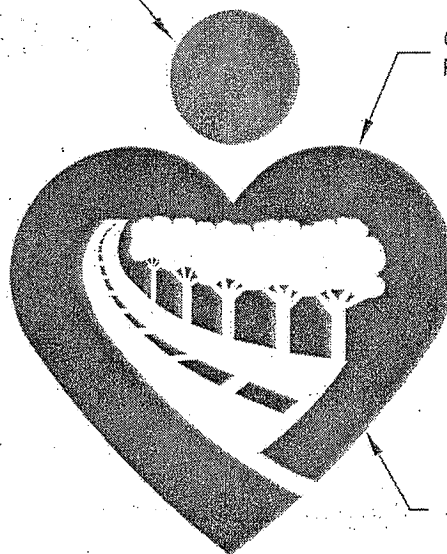


## ADOPT-A-HIGHWAY LOGO LOCATION





COLOR IS PMS 1645  
PANTONE ORANGE



COLOR IS PMS 3282  
PANTONE GREEN

**Figure 4:  
Caltrans' Logo Used on  
the Hardhats**

APPROXIMATELY 1-2 INCH  
HIGH LOGO TO BE CENTERED  
ON FRONT PANEL OF HARDHAT

# ADOPT-A-HIGHWAY

MATCH PMS 3282 PANTONE GREEN COLOR  
USE TIMES NEW ROMAN TYPE FONTS CENTERED ON  
THE BACK OF HARDHAT 3/4" ABOVE THE EDGE

## STATE OF CALIFORNIA SPECIFICATION PALLETS, WOODEN

### 1 SCOPE

This specification covers pallets intended for use with low lift pallet trucks or forklift trucks.

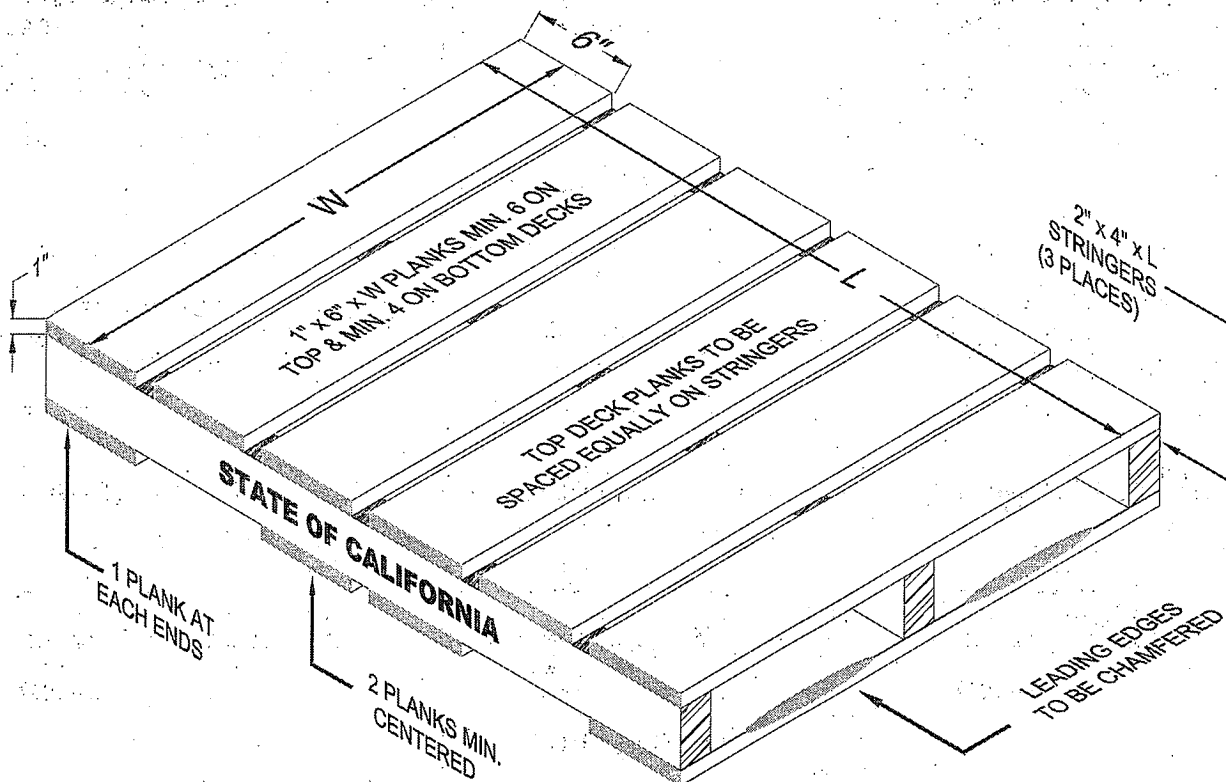
### 2 SPECIFICATION AND STANDARDS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid form a part of this specification where referenced.

### 3 REQUIREMENTS

#### 3.1 Material

The pallets shall be constructed from nominal size standard or better (West Coast Lumber Inspection Bureau, Standard Grading Rules for West Coast Lumber) grade Douglas Fir, Hemlock, Larch or Hem-Fir. The stringers shall be S4S and the decking S4S or S1S2E (re-



**FIG. 1 - TYPE 2  
WOODEN PALLET**

sawed) with no edge knots. Sawed side is to be assembled to the inside of the pallets. Fastening shall be accomplished with 2¼ inch (+1/16 inch) 7 penny flat head drive screws (helical threaded nail) or 2¼ (+1/16 inch) #10 wire gauge annular ring nails as recommended in Specifications and Grades for Warehouse. Permanent or Returnable Pallets of West Coast Woods as published by the National Wooden Pallet and Container Association (Specifications and Grades, NWPCA).

### 3.2 Non-Standard Duty-Cycle Pallets

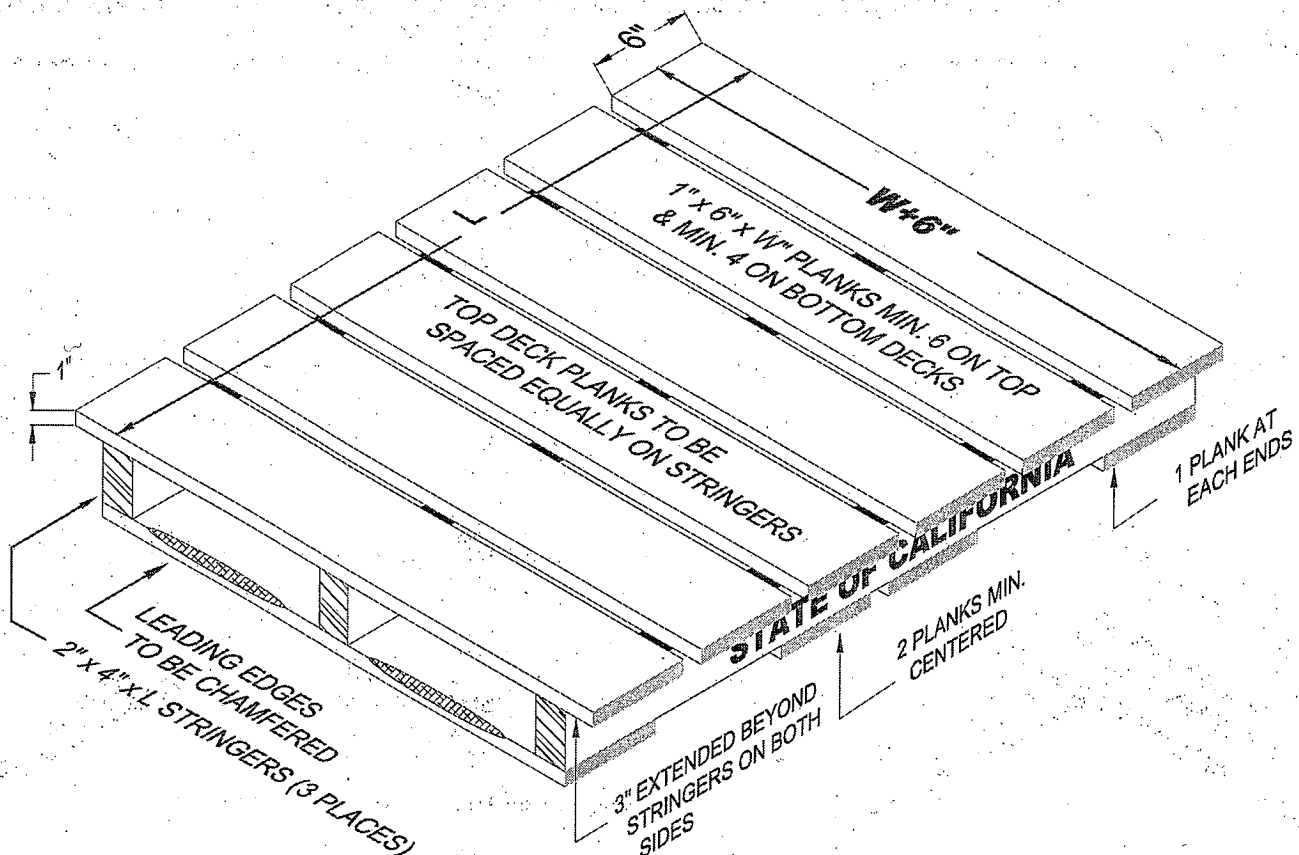
When specifically requested by the user, pallets may be manufactured using pine, oak or ash woods.

### 3.3 Construction

Pallet type and construction shall comply with Specifications and Grades, NWPCA. The pallets shall be Grade "Quality" (QAL).

The decking shall be secured with 3 nails or screws at each surface of contact with the stringer. Nails shall not be within ½ inch of deck-board edges or another nails.

All leading and outside edges of the bottom deck shall be chamfered. The chamfers shall be at least 12 inches long and shall be cut on an approximate 35 degree angle to the face so as to leave an edge adjacent to the chamfer not less than ¼ inch nor more than ½ inch from the outer



**FIG. 2 - TYPE 4  
SINGLE WING WOODEN PALLET**

edge of the deck-board. The chamfer shall extend to within 3 inches of the stringers. Pallet configuration shall comply with illustration A.

COMMONLY USED PALLET TYPES & SIZE			
SIZE	TYPE	TOP DECK	BOTTOM DECK
1	2 (Fig. 1)	42"L x 36"W Six 1" x 6" x 36" deck-boards, spaced evenly along the pallet width	42"L x 36"W Min. Four 1" x 6" x 36" boards. One placed each end of the stringers. Two at center of the stringers
2	2 (Fig. 1)	42"L x 42"W Six 1" x 6" x 42" deck-boards, spaced evenly along the pallet width	42"L x 42"W Min. Four 1" x 6" x 42" boards. One placed each end of the stringers Two at center of the stringers
3	2 (Fig. 1)	44"L x 44"W Six 1" x 6" x 44" deck-boards, spaced evenly along the pallet width	44"L x 44"W Min. Four 1" x 6" x 44" boards. One placed each end of the stringers Two at center of the stringers (Fig. 1)
4	2 (Fig. 1)	45"L x 36"W Six 1" x 6" x 36" deck-boards, spaced evenly along the pallet width	45"L x 36"W Min. Four 1" x 6" x 36" boards. One placed each end of the stringers Two at center of the stringers
5	2 (Fig. 1)	46"L x 44"W Six 1" x 6" x 44" deck-boards, spaced evenly along the pallet width	46"L x 44"W Min. Four 1" x 6" x 44" boards. One placed each end of the stringers Two at center of the stringers
6	2 (Fig. 1)	48"L x 48"W Six 1" x 6" x 48" deck-boards, spaced evenly along the pallet width	48"L x 48"W Min. Four 1" x 6" x 48" boards. One placed each end of the stringers Two at center of the stringers
<b>Note:</b> SIZE 1, TYPE 4 - has a single wing applied to top deck.			
1	4 (Fig. 2)	42"L x 36"W Six 1" x 6" x 36" deck-boards, spaced evenly along the pallet width with 3" wings extending beyond the stringers outboard faces	42"L x 30"W Min. Four 1" x 6" x 36" boards. One placed each end of the stringers, Two at center of the stringers

#### 4 SAMPLING AND INSPECTION

This commodity will be sampled and inspected for compliance to this specification as deemed necessary. Sampling and inspection by attributes will be in accordance with ANSI/ASQ Z1.4 1993, Sampling Procedures and Tables for Inspection by Attributes. An inspection lot is defined as one delivery to one agency at one time.

##### 4.1 Workmanship

The pallets shall be free from defects as outlined under Grade "Quality" (QAL) in the "Specifications and Grades", NWPCA.

#### 5 MARKING

Each pallet shall be marked (two places), "STATE OF CALIFORNIA". Marking shall be easily readable, in black letters and on outboard faces of stringers.